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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/076,634

DATE: 03/04/2002  
TIME: 14:34:53

Input Set : A:\02481.1774.txt  
Output Set: N:\CRF3\03042002\J076634.raw

3 <110> APPLICANT: Aventis Pharma Deutschland GmbH  
5 <120> TITLE OF INVENTION: Fusion protein for the secretion of a protein of  
6 interest into bacterial supernatants  
8 <130> FILE REFERENCE: DEAV2001/0009  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/076,634  
C--> 11 <141> CURRENT FILING DATE: 2002-02-19  
13 <160> NUMBER OF SEQ ID NOS: 13  
15 <170> SOFTWARE: PatentIn Ver. 2.1  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 5  
19 <212> TYPE: PRT  
20 <213> ORGANISM: Artificial Sequence  
22 <220> FEATURE:  
23 <223> OTHER INFORMATION: Description of Artificial Sequence:pBpfu\_hir  
25 <400> SEQUENCE: 1  
26 Gly Asn Ser Ala Arg  
27 1 5  
31 <210> SEQ ID NO: 2  
32 <211> LENGTH: 58  
33 <212> TYPE: DNA  
34 <213> ORGANISM: Artificial Sequence  
36 <220> FEATURE:  
37 <223> OTHER INFORMATION: Description of Artificial Sequence:pfufl  
39 <400> SEQUENCE: 2  
40 ggttctctta ttgccgctac ttcttttcggc gttctggcac ttacgtatac tgactgca 58  
43 <210> SEQ ID NO: 3  
44 <211> LENGTH: 31  
45 <212> TYPE: DNA  
46 <213> ORGANISM: Artificial Sequence  
48 <220> FEATURE:  
49 <223> OTHER INFORMATION: Description of Artificial Sequence:insullhindl1l  
51 <400> SEQUENCE: 3 31  
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56 <211> LENGTH: 42  
57 <212> TYPE: DNA  
58 <213> ORGANISM: Artificial Sequence  
60 <220> FEATURE:  
61 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insfl  
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67 <210> SEQ ID NO: 5  
68 <211> LENGTH: 42

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69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir_insrev1
75 <400> SEQUENCE: 5                                42
76 cacaaatcgt gccgaatttc cctgaaggta ttcctcaggg at
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 63
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence:styfimfl
87 <400> SEQUENCE: 6                                60
88 cggcgctgag tctcgccctta tttcttcacc tatcttttgc ctctacgtat actgactgca
89 ctg                                                63
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93 <211> LENGTH: 21
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: alkaline
99     phosphatase (signal sequence)
101 <400> SEQUENCE: 7
102 Met Lys Gln Ser Thr Ile Ala Leu Ala Leu Leu Pro Leu Leu Phe Thr
103   1           5           10           15
105 Pro Val Thr Lys Ala
106           20
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112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:alkaline
117     phosphatase (signal sequence)
119 <400> SEQUENCE: 8                                60
120 atgaaacagt cgaccatcgc gctggcgctg ctgccgctgc tggtcacccc ggttaccaa
121 gcg                                                63
124 <210> SEQ ID NO: 9
125 <211> LENGTH: 97
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence:cloning
131     fragment
133 <400> SEQUENCE: 9                                60
134 ttttttgaat tcatgaaaca gtcgaccatc gcgctggcgc tgctgccgct gctgttcacc
135 ccggttacca aagcggctac gtatactgac tgcaactg          97
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 58

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140 <212> TYPE: DNA  
141 <213> ORGANISM: Artificial Sequence  
143 <220> FEATURE:  
144 <223> OTHER INFORMATION: Description of Artificial Sequence:phoaf1  
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151 <211> LENGTH: 54  
152 <212> TYPE: DNA  
153 <213> ORGANISM: Artificial Sequence  
155 <220> FEATURE:  
156 <223> OTHER INFORMATION: Description of Artificial Sequence:phoaf2  
158 <400> SEQUENCE: 11  
159 ttttttgaat tcatgaaaca gtcgaccatc gcgctggcgc tgctgccgct gctg 54  
162 <210> SEQ ID NO: 12  
163 <211> LENGTH: 40  
164 <212> TYPE: DNA  
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167 <220> FEATURE:  
168 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insf2  
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175 <211> LENGTH: 40  
176 <212> TYPE: DNA  
177 <213> ORGANISM: Artificial Sequence  
179 <220> FEATURE:  
180 <223> OTHER INFORMATION: Description of Artificial Sequence:Hir\_insrev2  
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VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date